Kompernaß GmbH
Burgstraße 21
44867 Bochum (Germany)

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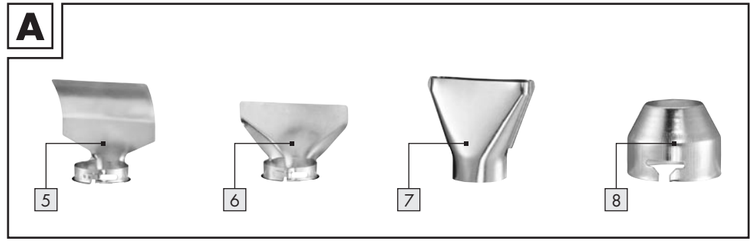
HOT-AIR **GUN**

GB IE CY Before reading, unfold the page containing the illustrations and familiarise yourself with all functions of the device.

GB **HOT-AIR GUN**
IE Operation and Safety Notes
CY


1
PARKSIDE
4
3
2
I
II
III


A
5
6
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B


C


D


E

The following icons / symbols are used in this instruction manual:			
	Read instruction manual!	W	Watt (performance)
	Observe caution and safety notes!		Wear hearing protection, dust protection mask, protective glasses and protective gloves.
	Caution – electric shock! Dangerous electric current – danger to life!		Protection category II power tool; double insulated
	Risk of fire!		Proper procedure and handling.
	Risk of explosion!		Keep children and uninvolved other third parties at a distance when using electrical power tools.
	Do not expose the appliance to rain or moisture. The permeation of liquids into electrical appliances increases the risk of receiving an electric shock.		Damaged appliances, power cables and power plugs mean potentially fatal risks from electric shock. Regularly check the condition of the appliance, the power cable and the power plug.
V~	Voltage		Dispose of packaging materials and the appliance in an environmentally responsible manner!

Hot air gun PHLG 600

For removing, reshaping, preheating, defrosting etc.

Introduction

Please make sure you familiarise yourself fully with the way the device works before you use it for the first time and that you understand how to handle electrical power tools correctly. Further details can be found in the operating instructions. Keep these instructions in a safe place. If you pass the device on to anyone else, please ensure that you also pass on all the documentation.

Proper use

The hot air gun is intended for the removal of paint, for warming (e.g. heat-shrinkable sleeves) and for reshaping and welding of plastics. It may also be used for detaching glued connections and for defrosting or thawing water pipes. Any other use or modification to the device shall be considered as improper use and could give rise to considerable dangers. The manufacturer will not accept liability for loss or damage arising from improper use. The device is not intended for commercial use.

Features and equipment

1 Air inlet
2 ON / OFF switch & temperature and air volume regulator
3 Heat shield
4 Nozzle
5 Reflector nozzle
6 Protector nozzle
7 Flat nozzle
8 Reducer nozzle

Included items

Immediately after unpacking the appliance, check that all listed items have been supplied.

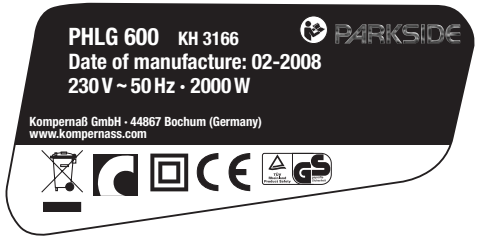
1 Hot air gun PHLG 600
1 Reflector nozzle
1 Protector nozzle
1 Flat nozzle
1 Reducer nozzle
1 Operating instructions
1 Guarantee documentation

Technical information

Nominal voltage:	230 V ~ 50 Hz
Power consumption:	max. 2000 W
Air volumes:	Setting I: ca. 250 l / min.
	Setting II: ca. 350 l / min.
	Setting III: ca. 600 l / min.
Temperatures (Jet outlet nozzle):	Setting I: ca. 30 °C
	Setting II: ca. 400 °C
	Setting III: ca. 600 °C
Overload protection:	Temperature cut-off switch
Protection class:	II / ⧈

The sound pressure level (A) of the device is typically less than 70 dB (A).

Overheating cut-out:
Upon heater overload (e.g. due to air-flow blockage) the appliance automatically switches the heater off, though the fan continues to run.



General safety advice

- **ATTENTION!** Please read all the instructions and advice. Failure to observe the instructions and advice given below may result in electric shock, fire and / or serious injury.

MAKE SURE THAT YOU KEEP THESE INSTRUCTIONS AND SAFETY ADVICE IN A SAFE PLACE.

1. Your working area

a) **Keep your working area clean and clutter-free.** Untidy or poorly lit working areas can lead to accidents.

b)  **Do not work with the device in potentially explosive environments in which there are inflammable liquids, gases or dusts**. Electrical power tools create sparks, which can ignite dusts or fumes.

c)  **Keep children and other people away while you are operating the electrical tool.** Distractions can cause you to lose control of the device.

2. Electrical safety

a) **The mains plug on the device must match the mains socket. The plug must not be modified in any way. Do not use an adapter plug with devices fitted with a protective earth.** Unmodified plugs and matching sockets reduce the risk of electric shock.

b) **Avoid touching earthed surfaces such as pipes, radiators, ovens and refrigerators with any part of your body.** There is an increased risk of electric shock if your body is earthed.

c)  **Keep the device away from rain or moisture.** Water entering an electrical device increases the risk of electric shock.

d)  **Do not use the mains lead for any purpose for which it was not intended, e.g. to carry the device, to hang up the device or to pull the mains plug out of the mains socket. Keep the mains lead away from heat, oil, sharp edges or moving parts of the device.** Damaged or tangled mains leads increase the risk of electric shock.

e) **When working outdoors with an electrical power tool always use extension cables that are also approved for use outdoors.** The use of an extension cable suitable for outdoor use reduces the risk of electric shock.

f) **Use a residual current device (RCD) for protection if operating the electrical power tool in a moist environment is unavoidable.** The use of an RCD reduces the risk of electric shock.

3. Personal safety

a) **Remain alert at all times, watch what you are doing and always proceed with caution. Do not use the device if you are tired or under the influence of drugs, alcohol or medication**. One moment of carelessness when using the device can lead to serious injury.

b)  **Wear personal protective equipment and always wear safety glasses.** The wearing of personal protective equipment such as dust masks, non-slip safety shoes, safety helmets or ear protectors, appropriate to the type of electrical power tool used and work undertaken, reduces the risk of injury.

c) **Avoid unintentional operation of the device. Make sure that the switch is in the "OFF" position before you insert the mains plug into the mains socket.** Accidents can happen if you carry the device with your finger on the switch or you have already switched the device on before you connect it to the mains.

d) **Remove any setting tools or spanners before you switch the device on.** A tool or spanner left attached to a rotating part of a device can lead to injury.

e) **Do not overestimate your own abilities. Keep proper footing and balance at all times**. By doing this you will be in a better position to control the device, especially in unforeseen circumstances.

f) **Wear suitable clothing. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves clear of moving parts.** Loose clothing, jewellery or long hair can become trapped in moving parts.

g) **If vacuum dust extraction and collection devices are fitted do not forget to check that they are properly connected and correctly used.** The use of these devices reduces the hazard presented by dust.

4. Careful handling and use of electrical power tools

a) **Do not overload the device. Always use an electrical power tool that is intended for the task you are undertaking.** By using the right electrical power tool for the job you will work more safely and achieve a better result.

b) **Do not use an electrical power tool if its switch is defective.** An electrical power tool that can no longer be switched on and off is dangerous and must be repaired.

c) **When not in use always ensure that electrical power tools are kept out of reach of children. Do not let anyone use the device if he or she is not familiar with it or has not read the instructions and advice.** Electrical power tools are dangerous when they are used by inexperienced people.

d) **Look after the device carefully. Check that moving parts are working properly and move freely. Check for any parts that are broken or damaged enough to detrimentally affect the functioning of the device. Have damaged parts repaired before you use the device.** Many accidents have their origins in poorly maintained electrical power tools.

e) **Keep cutting tools clean and sharp.** Carefully maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.

f) **Use the electrical power tool, accessories, inserted tools etc. in accordance with these instructions and advice, and the stipulations drawn up for this particular type of device. In doing this, take into account the working conditions and the task in hand.** The use of electrical power tools for purposes other than those intended can lead to dangerous situations.

Safety advice relating specifically to this device

ATTENTION! To avoid the danger of injury, burning and dangers to your health:

- If danger arises, pull the mains plug immediately out of the mains socket.
- **DANGER OF PERSONAL INJURY!** Never use the appliance as a hair dryer.
- Do not direct the hot air flow at persons or animals.
- Do not look directly into the opening of the hot air nozzle [4].
-  **DANGER OF BURNS!** Do not touch the hot nozzle. Wear protective gloves.
-  Wear protective glasses.
-  **DANGER OF FIRE AND EXPLOSION!** The appliance develops very high temperatures.
   If the device is not used carefully, it can give rise to increased risk of fire or explosion.
- Do not work in the vicinity of easily ignitable gases or materials. Heating of plastics, paints, varnishes etc. can lead to the creation of gases that are hazardous to health. Make sure you always have adequate ventilation.
- Let the device cool down completely before you put it into storage. Always place your heat gun down on its end, with the nozzle pointing upwards.
- In addition, you should never leave the device working unattended.
- When taking a break from your work, before carrying out any tasks on the device itself (e.g. changing the nozzle) or when you are not using the device, always pull the mains plug out of the mains socket.
- Do not direct the device at the same spot for too long a period.
- Maintain a distance between the jet outlet nozzle and the workpiece or the surface being heated. An air blockage could lead to overheating of the appliance.
- Pay heed to the direct working area and also to its surroundings. The heat produced could reach to inflammable articles located out of the visible area.
- Always keep the device clean, dry and free of oil or grease.
- Never use the device for a purpose for which it was not intended.
- Children or persons who lack the knowledge or experience to use the device or whose physical, sensory or intellectual capacities are limited must never be allowed to use the device without supervision or instruction by a person responsible for their safety. Children must never be allowed to play with the device.

Operation

Preparing the device for use

The mains voltage at the mains socket must match that shown on the rating plate on the device. Devices marked with 230 V can also be operated at 220 V.

CAUTION! When using the device, never allow the ventilation slots to be covered.

Switching the appliance on:
- Push the ON / OFF switch [2] to the position "I", "II" or "III".

Switching the appliance off:
- Push the ON / OFF switch [2] to the position "0".

Setting the air flow and temperature:
With the temperature and air volume regulator [2] you have three different blower levels available. You can thus select an air volume and temperature setting suitable for the particular application:

Setting I	250 l / min	30 °C
Setting II	350 l / min	400 °C
Setting III	600 l / min	600 °C

The Cold-Air Setting I is suitable for:
- Drying varnish / paint
- Cooling of heated workpieces
- Cooling the appliance before storage / changing the nozzles

Removing the heat shield:
CAUTION! The appliance must be completely cooled down before you remove or put on the heat protector.
CAUTION! DANGER OF BURNS! Do not touch the hot nozzle. When you are working without the heat shield [3] there is an increased risk of burns. Remove the heat shield [3] for working in particularly narrow spaces.
- Pull the heat protector [3] to the fore.

Use as free-standing unit / during cooling (see Fig. B, E):
- Always set the device down upright on a level surface, this will allow
  · you to have both hands free
  · the device to cool

Changing the nozzle

WARNING! Too much heat causes paints and plastics to ignite.
DANGER! Do not inhale the resulting vapours.

Reflector nozzle [5] – for shaping plastic pipes or tubes (see Ill. B):
- Place the reflector nozzle [5] on the outlet tube [4].
- Fill the pipe or tube with sand and ensure it is closed at both ends. This will prevent the pipe or tube from kinking.
- Warm the pipe evenly, in that you move it back and forth.

Protector nozzle [6] – for removing paint and varnish (see Ill. C):
- Place the protector nozzle [6] on the outlet tube [4].
- The spatula shape of the nozzle ensures the air is properly directed. Use a separate spatula for removing paint or varnish.

Flat nozzle [7] – for detaching glues, softening paint (see Ill. D):
- Place the flat nozzle [7] on the outlet tube [4].
- Do not apply heat for too long a period, as burnt paint becomes much more difficult to remove. Many glues can be softened by warming. Glued connections can then be detached and excess glue removed.

Reducing nozzle [8] – for welding plastic:
- Place the reducer nozzle [8] on the outlet tube [4].
- Use the reducing nozzle [8] for heat-shrinkable sleeves and film.

Further examples of uses in the house, car and garden

Defrosting water pipes:
Notice! It must not be used for thawing PVC pipes.
Notice! It is often very difficult to tell the difference between gas pipes and water pipes. If in doubt, ask a competent person.

Notice! Copper pipes are joined using tin solder and must not be heated above 200 °C.
- Use the reflector [5] to defrost water pipes.

Loosening a threaded connection:
- Heating the threaded connection carefully can often allow the connection to be released.

Removing weeds:
- The hot air dries out the weeds and micro-organisms.

Lighting barbecue charcoal:
WARNING! Do not use methylated alcohol.
- Charcoal ignites in a few minutes.

Wax removal:
- You can remove wax residues from skis / snowboard or from candle holders. Use the amount of care appropriate to the product.

Cleaning

WARNING! Before carrying out work on the appliance, always remove the plug from the power socket.
- Keep the air inlet and outlet clean.
- Use a cloth to clean the housing. Use a soft cloth to clean the housing. Never use petrol, solvents or cleaning agents as these may attack the plastic.

Disposal

The packaging is wholly composed of environmentally-friendly materials that can be disposed of at a local recycling centre.

Do not dispose of electric tools in the household waste!

In accordance with European Directive 2002 / 96 / EC relating to old electrical and electronic appliances and its translation into national law, used electric tools must be collected separately and recycled in an ecologically desirable way. Please contact your local council office to find out about disposal facilities for your worn-out electrical tools.

Information

Service

Details of the Service Centre responsible for your region are shown in the warranty documents.

- Have your device repaired only by qualified specialist personnel using original manufacturer parts only. This will ensure that your device remains safe to use.
- If the plug or mains lead needs to be replaced, always have the replacement carried out by the manufacturer or its service centre. This will ensure that your device remains safe to use.

Declaration of conformity / Producer CE

We, Kompernaß GmbH, Burgstr. 21,
44867 Bochum, Germany, hereby declare that this product complies with the following EU directives:

EU Low Voltage Directive 2006 / 95 / EC:
EN 60335-1:2002+A1+A11
EN 60335-2-45:2002
EN 50366:2003

Electromagnetic Compatibility 2004 / 108 / EC:
EN 55014-1:2000+A1+A2
EN 55014-2:1997+A1
EN 61000-3-2:2000
EN 61000-3-3:1995+A1

Device Type / Designation:
Parkside Hot air gun PHLG 600

Bochum, 31.12.2007

Hans Kompernaß
- Managing Director -

We reserve the right to make technical modifications in the course of further development.